

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041823\
 Data File : BN024984.D
 Acq On : 18 Apr 2023 18:31
 Operator : CG/JU
 Sample : 02355-02DL 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-RW5B-20230413DL

Quant Time: Apr 18 19:02:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN040523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 18 05:29:26 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/19/2023
 Supervised By :Jagrut Upadhyay 04/19/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.933	152	11544	0.400	ng	0.00
7) Naphthalene-d8	10.750	136	34944	0.400	ng	0.00
13) Acenaphthene-d10	14.576	164	18907	0.400	ng	0.00
19) Phenanthrene-d10	17.323	188	38990	0.400	ng	0.00
29) Chrysene-d12	21.518	240	31650	0.400	ng	# 0.00
35) Perylene-d12	23.968	264	26584	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.492	112	1820	0.068	ng	0.00
5) Phenol-d6	7.109	99	1226	0.036	ng	0.00
8) Nitrobenzene-d5	9.106	82	4194	0.149	ng	0.00
11) 2-Methylnaphthalene-d10	12.332	152	7688	0.166	ng	0.00
14) 2,4,6-Tribromophenol	16.070	330	1241	0.146	ng	0.00
15) 2-Fluorobiphenyl	13.208	172	11800	0.163	ng	0.00
27) Fluoranthene-d10	19.355	212	18031	0.204	ng	0.00
31) Terphenyl-d14	19.953	244	16899	0.236	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.339	88	39986	3.152	ng	Qvalue 97
6) bis(2-Chloroethyl)ether	7.362	93	848	0.025	ng	93
34) Bis(2-ethylhexyl)phtha...	21.428	149	4511m	0.078	ng	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

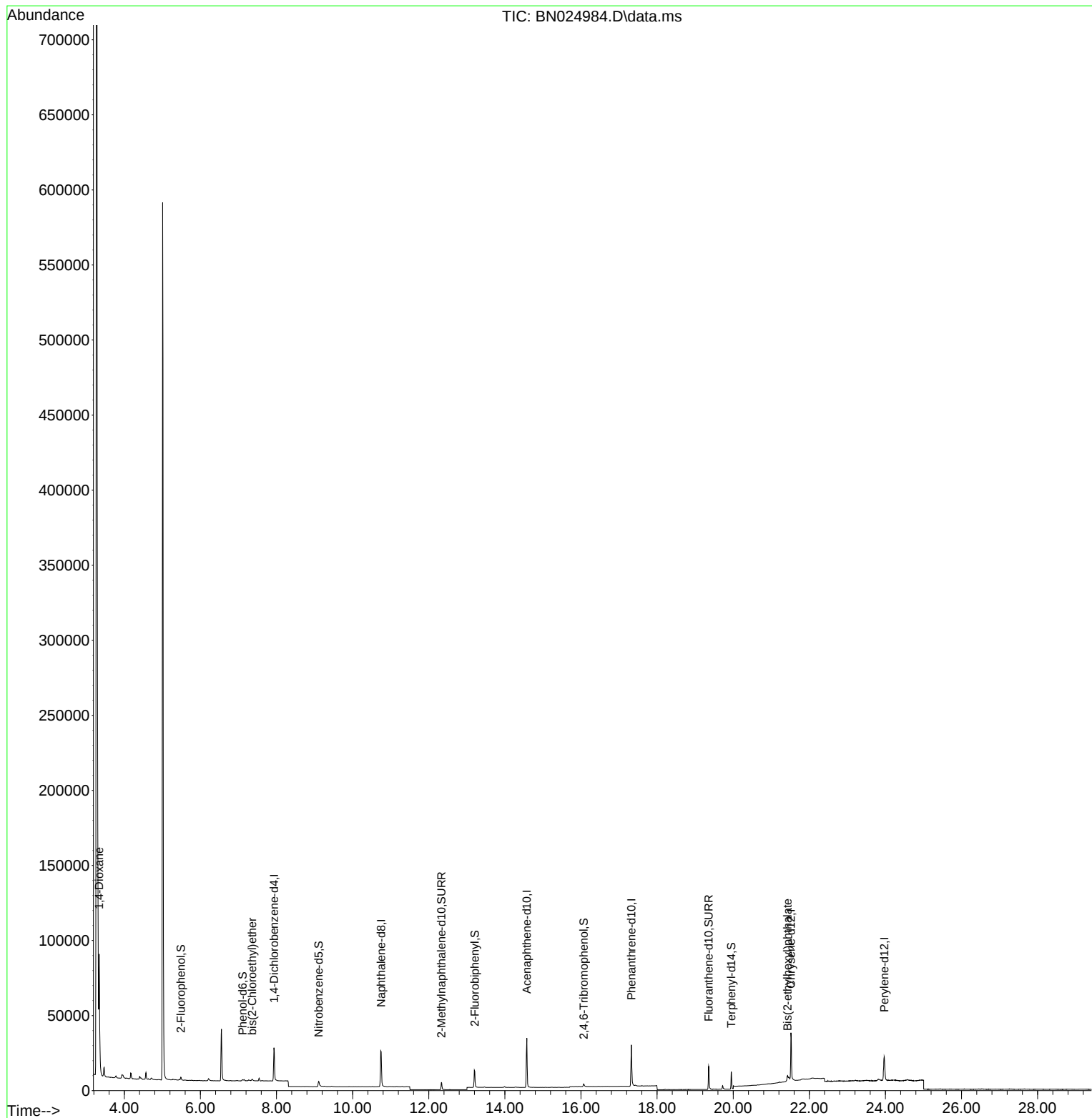
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041823\
Data File : BN024984.D
Acq On : 18 Apr 2023 18:31
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Instrument :
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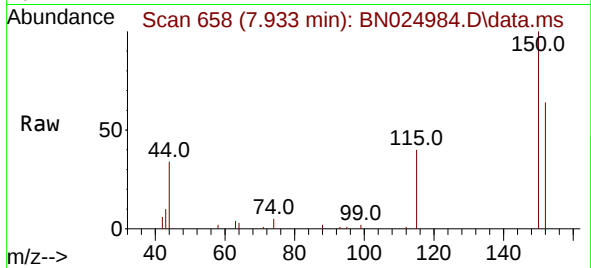
Reviewed By :Yogesh Patel 04/19/2023
Supervised By :Jagrut Upadhyay 04/19/2023





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.933 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN024984.D
Acq: 18 Apr 2023 18:31

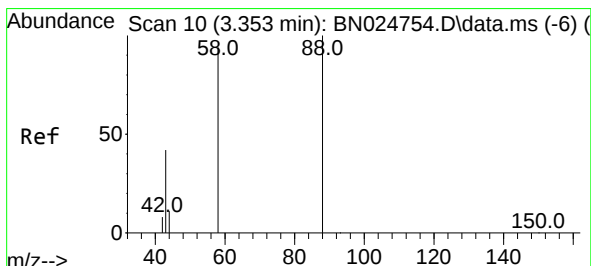
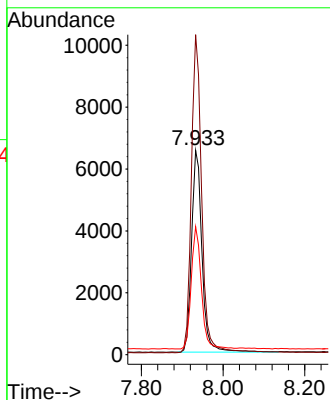
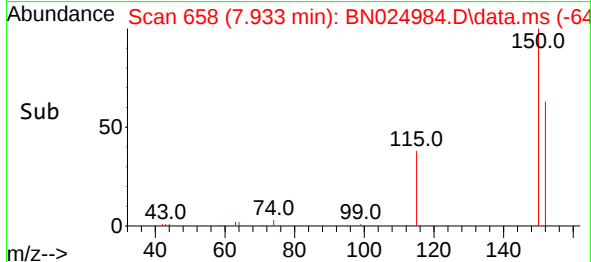
Instrument :
BNA_N
ClientSampleId :
BP-TT-RW5B-20230413DL



Tgt Ion: 152 Resp: 11544
Ion Ratio Lower Upper
152 100
150 156.6 121.8 182.8
115 62.6 48.3 72.5

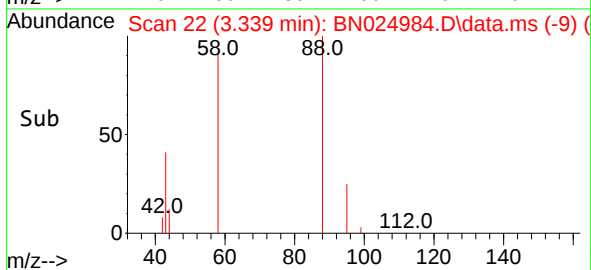
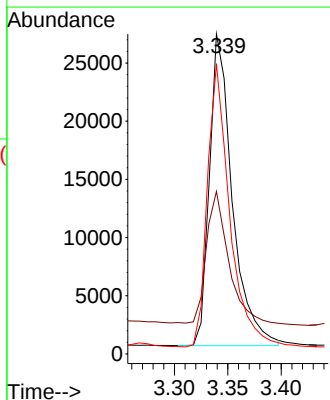
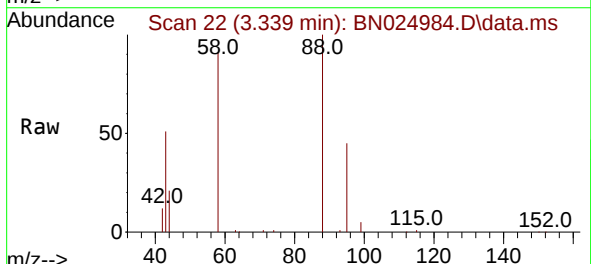
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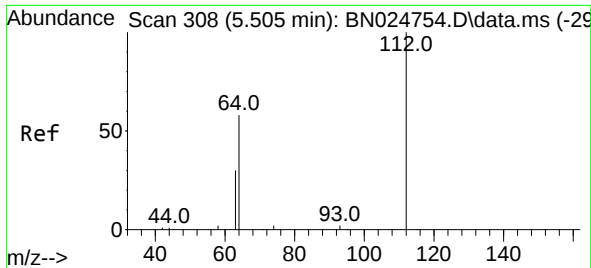
Reviewed By :Yogesh Patel 04/19/2023
Supervised By :Jagrut Upadhyay 04/19/2023



#2
1,4-Dioxane
Concen: 3.152 ng
RT: 3.339 min Scan# 22
Delta R.T. -0.007 min
Lab File: BN024984.D
Acq: 18 Apr 2023 18:31

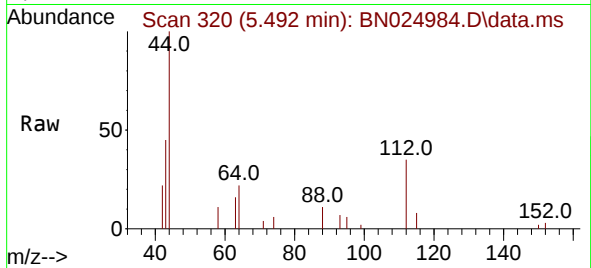
Tgt Ion: 88 Resp: 39986
Ion Ratio Lower Upper
88 100
43 40.7 35.2 52.8
58 88.1 71.4 107.2





#4
2-Fluorophenol
Concen: 0.068 ng
RT: 5.492 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN024984.D
Acq: 18 Apr 2023 18:31

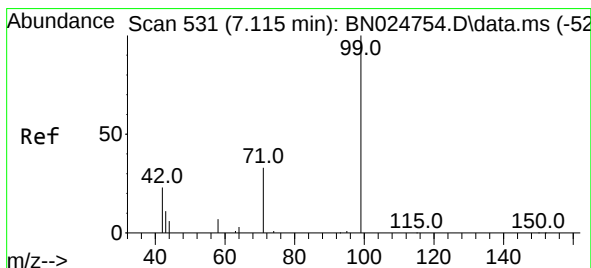
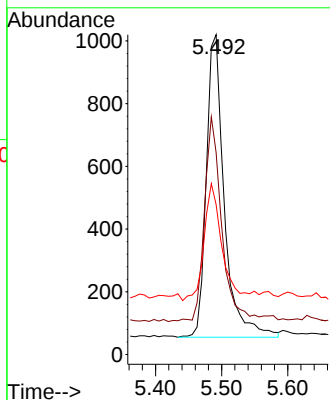
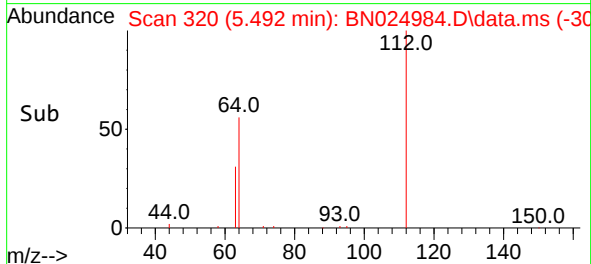
Instrument :
BNA_N
ClientSampleId :
BP-TT-RW5B-20230413DL



Tgt Ion: 112 Resp: 1820
Ion Ratio Lower Upper
112 100
64 64.9 52.5 78.7
63 38.4 27.9 41.9

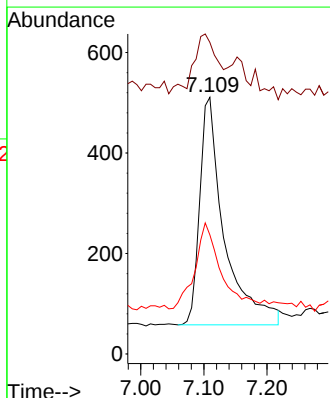
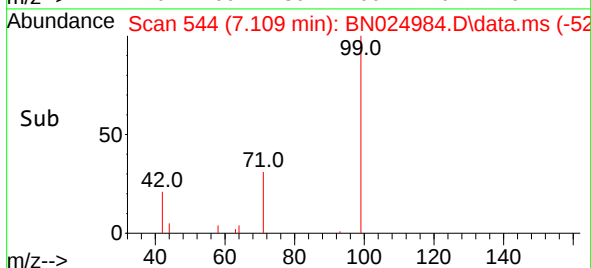
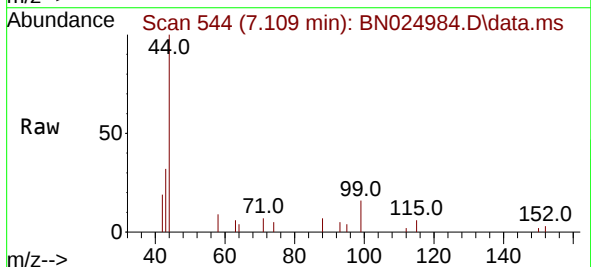
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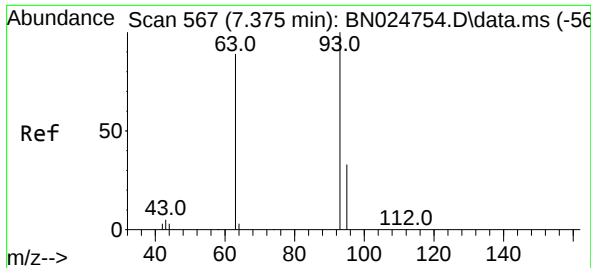
Reviewed By :Yogesh Patel 04/19/2023
Supervised By :Jagrut Upadhyay 04/19/2023



#5
Phenol-d6
Concen: 0.036 ng
RT: 7.109 min Scan# 544
Delta R.T. 0.007 min
Lab File: BN024984.D
Acq: 18 Apr 2023 18:31

Tgt Ion: 99 Resp: 1226
Ion Ratio Lower Upper
99 100
42 25.0 22.8 34.2
71 39.9 28.2 42.2





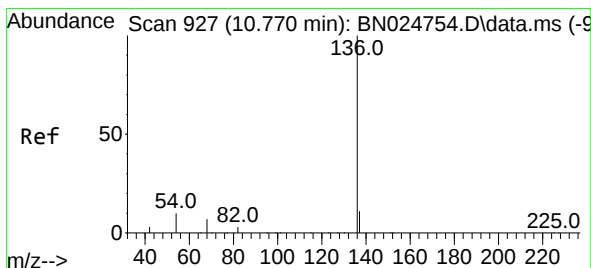
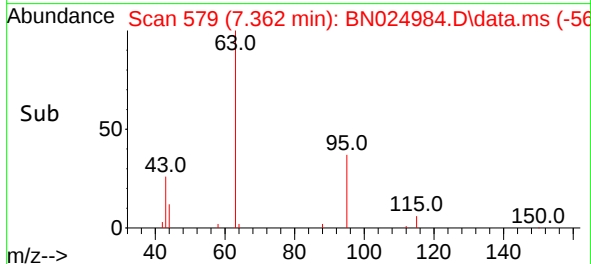
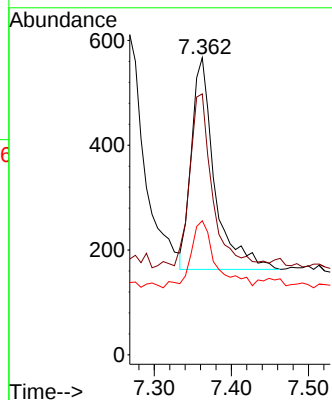
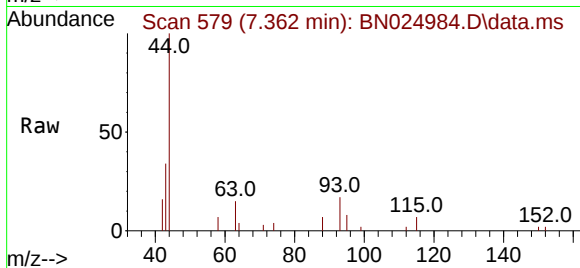
#6
bis(2-Chloroethyl)ether
Concen: 0.025 ng
RT: 7.362 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN024984.D
Acq: 18 Apr 2023 18:31

Instrument :
BNA_N
ClientSampleId :
BP-TT-RW5B-20230413DL

Tgt Ion: 93 Resp: 848
Ion Ratio Lower Upper
93 100
63 79.0 68.8 103.2
95 33.8 25.4 38.2

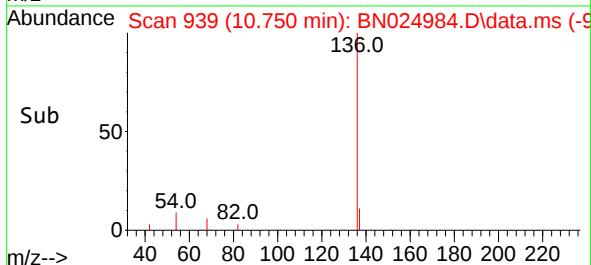
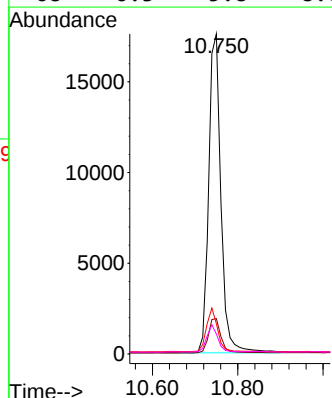
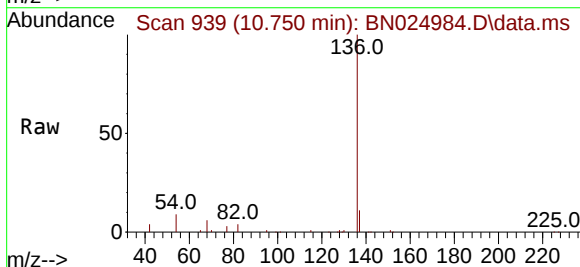
Manual Integrations
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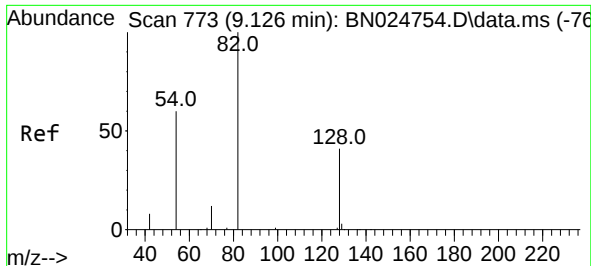
Reviewed By :Yogesh Patel 04/19/2023
Supervised By :Jagrut Upadhyay 04/19/2023



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.750 min Scan# 939
Delta R.T. -0.000 min
Lab File: BN024984.D
Acq: 18 Apr 2023 18:31

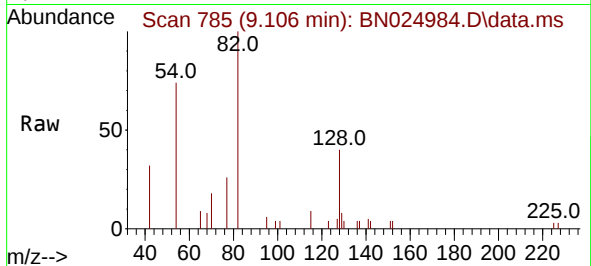
Tgt Ion:136 Resp: 34944
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 9.4 8.2 12.4
68 6.3 5.8 8.6





#8
Nitrobenzene-d5
Concen: 0.149 ng
RT: 9.106 min Scan# 773
Delta R.T. -0.000 min
Lab File: BN024984.D
Acq: 18 Apr 2023 18:31

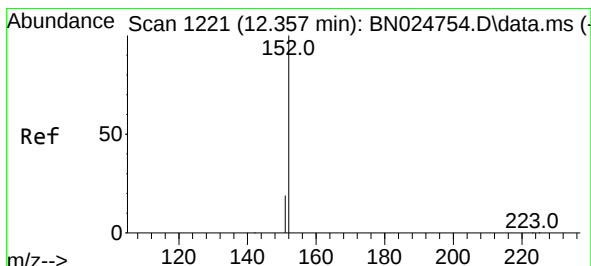
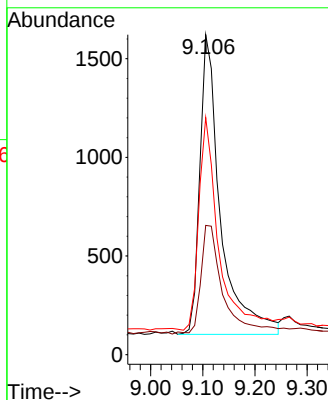
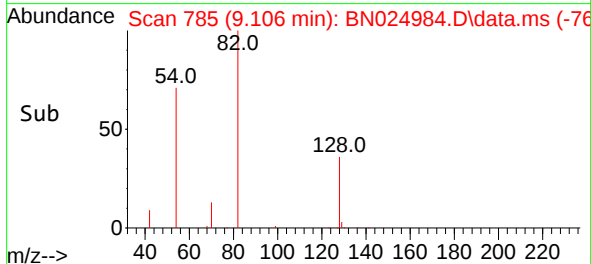
Instrument :
BNA_N
ClientSampleId :
BP-TT-RW5B-20230413DL



Tgt Ion: 82 Resp: 4194
Ion Ratio Lower Upper
82 100
128 40.4 33.8 50.6
54 74.1 49.4 74.0

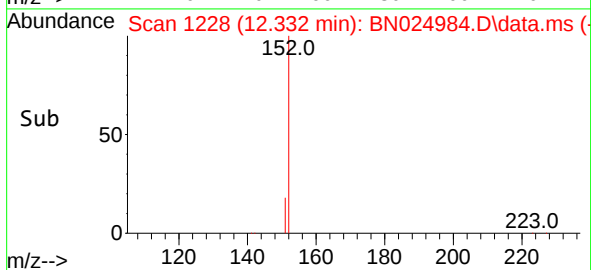
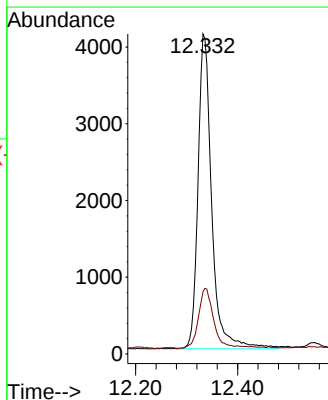
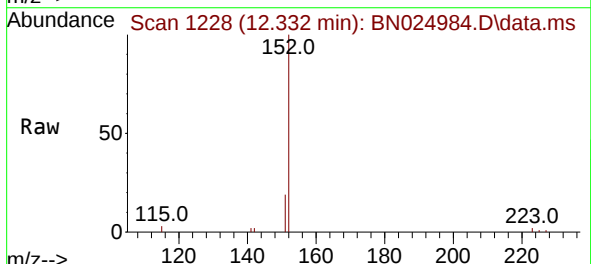
Manual Integrations
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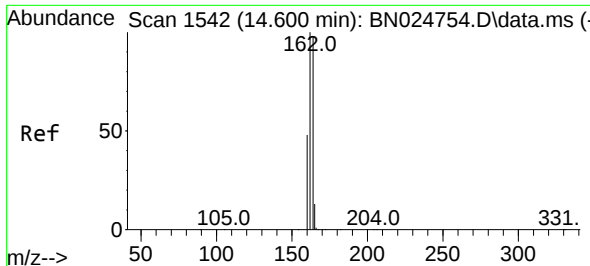
Reviewed By :Yogesh Patel 04/19/2023
Supervised By :Jagrut Upadhyay 04/19/2023



#11
2-Methylnaphthalene-d10
Concen: 0.166 ng
RT: 12.332 min Scan# 1228
Delta R.T. -0.004 min
Lab File: BN024984.D
Acq: 18 Apr 2023 18:31

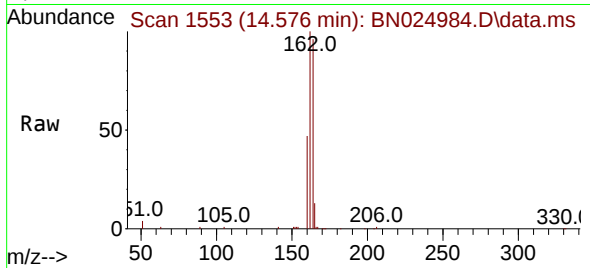
Tgt Ion:152 Resp: 7688
Ion Ratio Lower Upper
152 100
151 21.5 16.6 25.0





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.576 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN024984.D
Acq: 18 Apr 2023 18:31

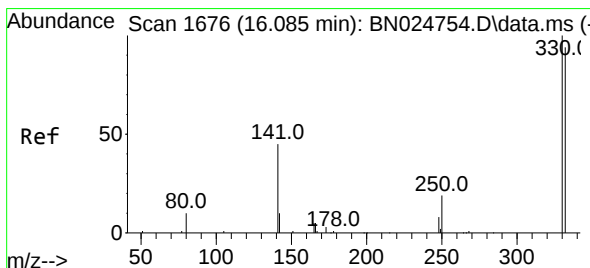
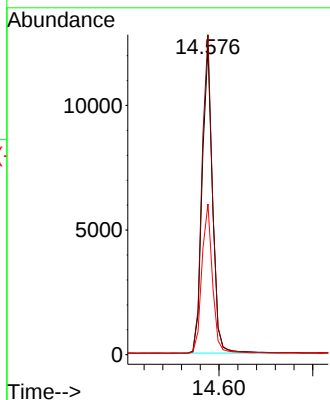
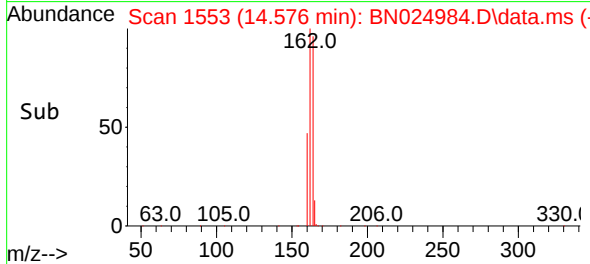
Instrument :
BNA_N
ClientSampleId :
BP-TT-RW5B-20230413DL



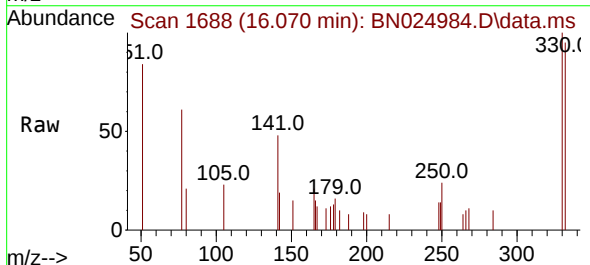
Tgt Ion:164 Resp: 1890
Ion Ratio Lower Upper
164 100
162 104.2 81.9 122.9
160 49.1 39.2 58.8

Manual Integrations
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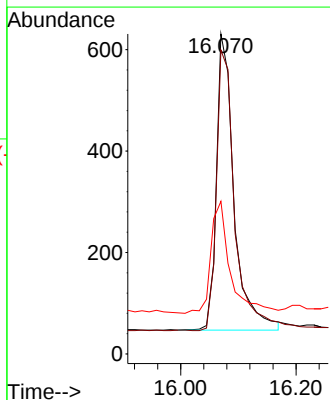
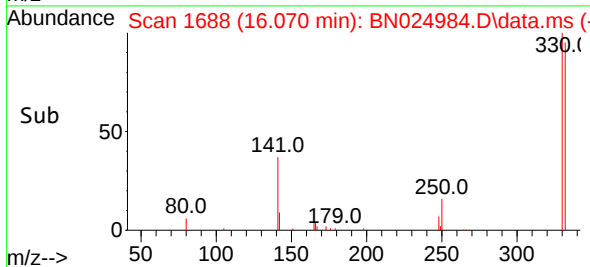
Reviewed By :Yogesh Patel 04/19/2023
Supervised By :Jagrut Upadhyay 04/19/2023

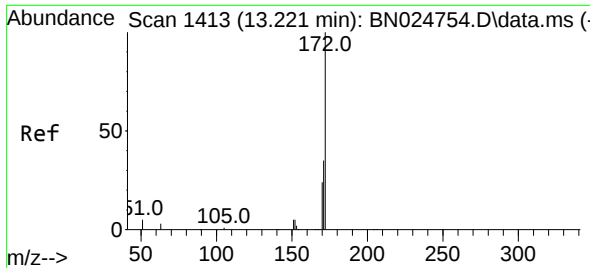


#14
2,4,6-Tribromophenol
Concen: 0.146 ng
RT: 16.070 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN024984.D
Acq: 18 Apr 2023 18:31



Tgt Ion:330 Resp: 1241
Ion Ratio Lower Upper
330 100
332 98.0 77.9 116.9
141 41.2 31.0 46.6





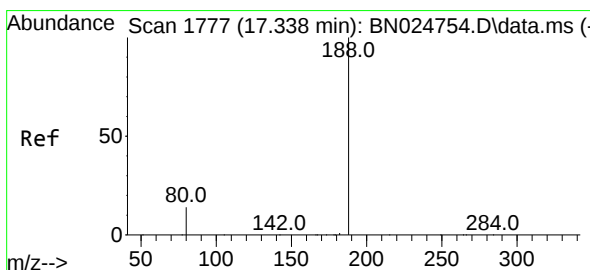
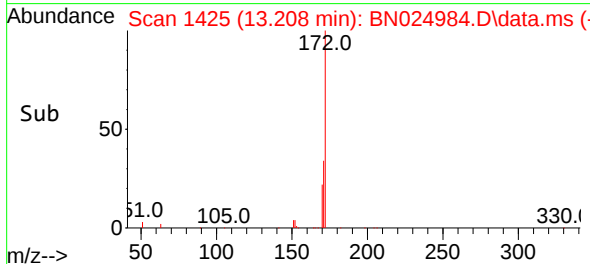
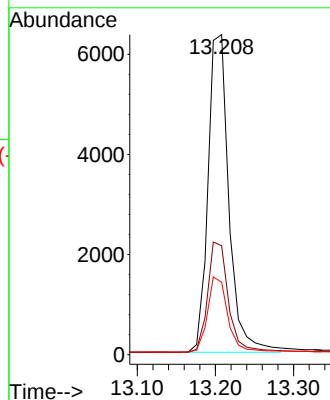
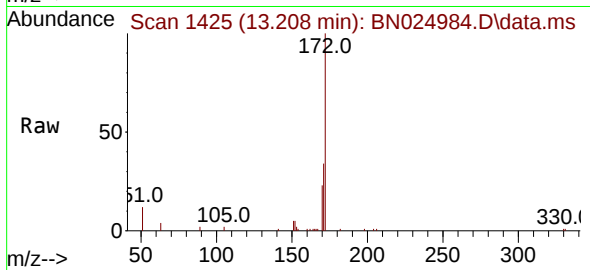
#15
2-Fluorobiphenyl
Concen: 0.163 ng
RT: 13.208 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BN024984.D
Acq: 18 Apr 2023 18:31

Instrument :
BNA_N
ClientSampleId :
BP-TT-RW5B-20230413DL

Tgt Ion:172 Resp: 11800
Ion Ratio Lower Upper
172 100
171 34.1 28.2 42.2
170 22.7 19.2 28.8

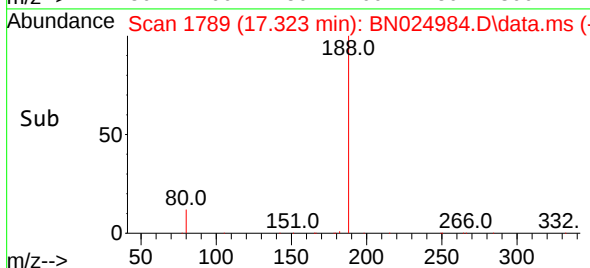
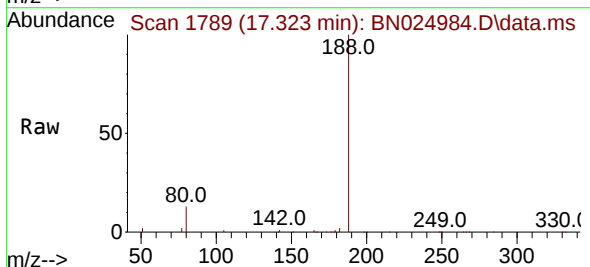
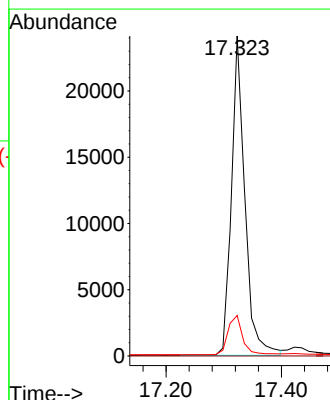
Manual Integrations
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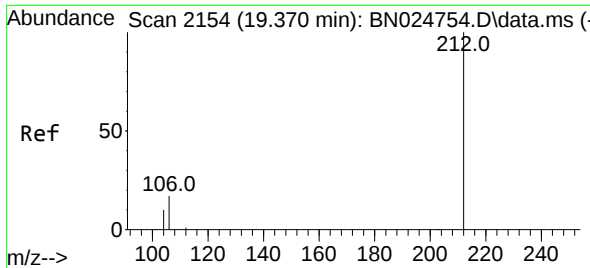
Reviewed By :Yogesh Patel 04/19/2023
Supervised By :Jagrut Upadhyay 04/19/2023



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.323 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BN024984.D
Acq: 18 Apr 2023 18:31

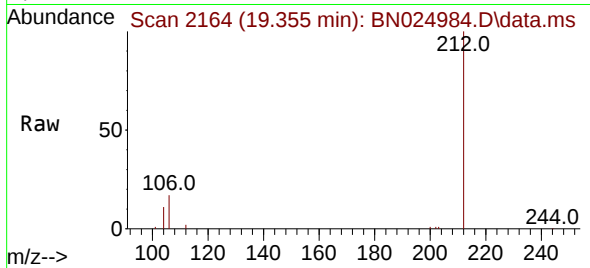
Tgt Ion:188 Resp: 38990
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.6 11.3 16.9





#27
Fluoranthene-d10
Concen: 0.204 ng
RT: 19.355 min Scan# 2164
Delta R.T. -0.004 min
Lab File: BN024984.D
Acq: 18 Apr 2023 18:31

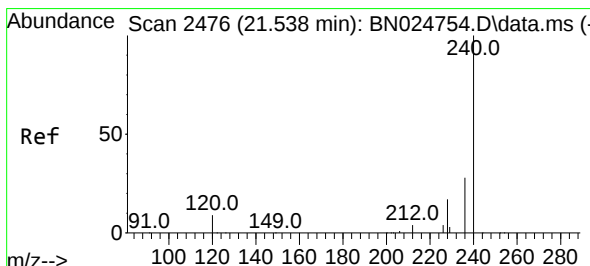
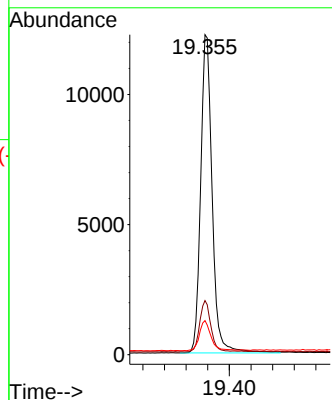
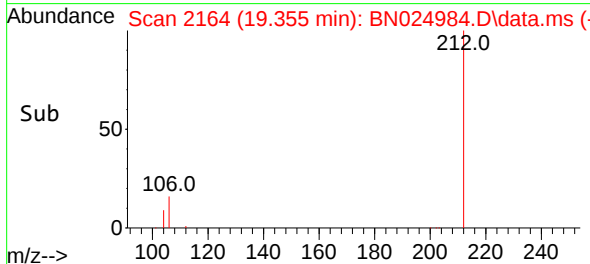
Instrument :
BNA_N
ClientSampleId :
BP-TT-RW5B-20230413DL



Tgt Ion:212 Resp: 1803
Ion Ratio Lower Upper
212 100
106 15.9 13.2 19.8
104 9.4 7.6 11.4

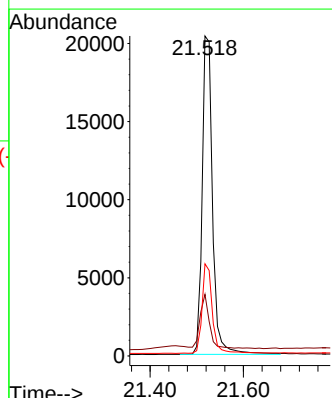
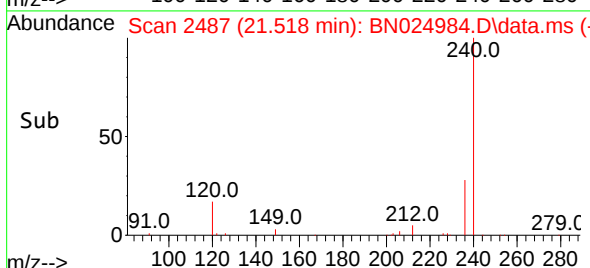
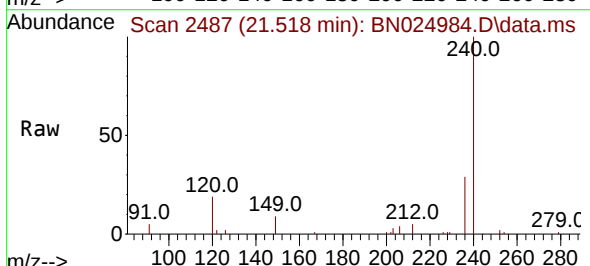
Manual Integrations
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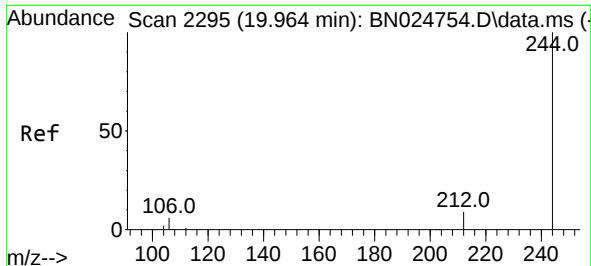
Reviewed By :Yogesh Patel 04/19/2023
Supervised By :Jagrut Upadhyay 04/19/2023



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.518 min Scan# 2487
Delta R.T. -0.004 min
Lab File: BN024984.D
Acq: 18 Apr 2023 18:31

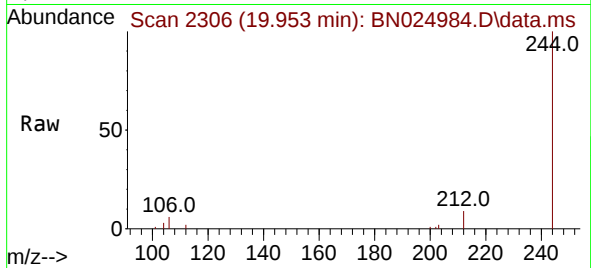
Tgt Ion:240 Resp: 31650
Ion Ratio Lower Upper
240 100
120 19.3 8.8 13.2#
236 28.8 22.6 34.0





#31
 Terphenyl-d14
 Concen: 0.236 ng
 RT: 19.953 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN024984.D
 Acq: 18 Apr 2023 18:31

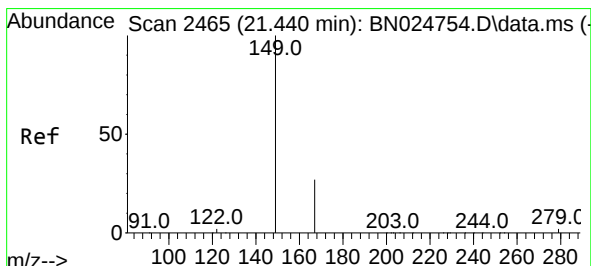
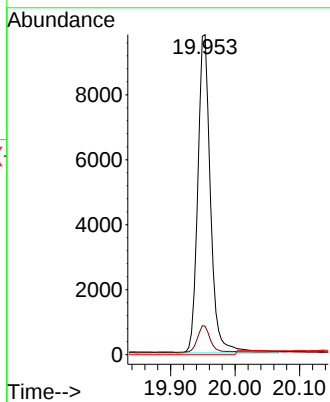
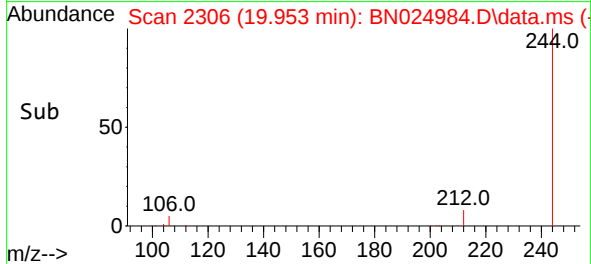
Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-RW5B-20230413DL



Tgt Ion:244 Resp: 1689
 Ion Ratio Lower Upper
 244 100
 212 8.9 7.4 11.0
 122 0.0 0.0 0.0

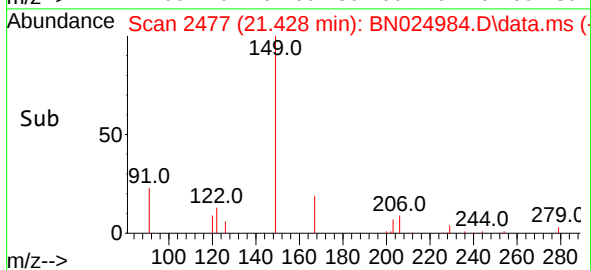
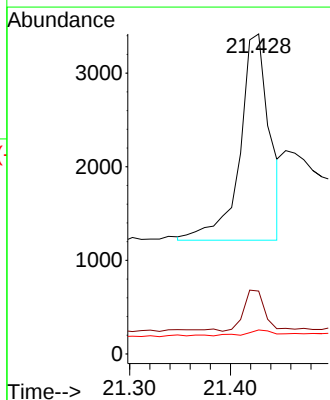
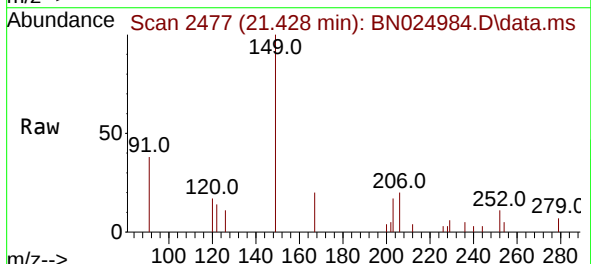
Manual Integrations
 APPROVED

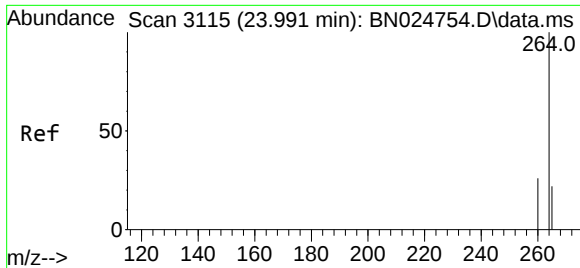
Reviewed By :Yogesh Patel 04/19/2023
 Supervised By :Jagrut Upadhyay 04/19/2023



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.078 ng m
 RT: 21.428 min Scan# 2477
 Delta R.T. 0.005 min
 Lab File: BN024984.D
 Acq: 18 Apr 2023 18:31

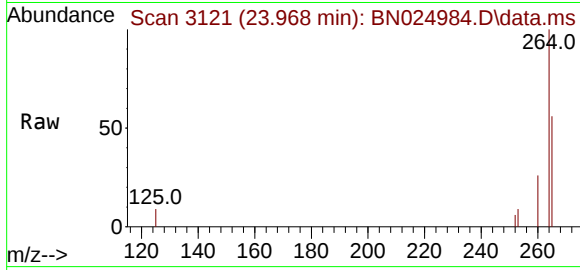
Tgt Ion:149 Resp: 4511
 Ion Ratio Lower Upper
 149 100
 167 15.2 21.4 32.2#
 279 2.8 2.6 4.0





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.968 min Scan# 31
 Delta R.T. -0.004 min
 Lab File: BN024984.D
 Acq: 18 Apr 2023 18:31

Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-RW5B-20230413DL



Tgt Ion:264 Resp: 26584
 Ion Ratio Lower Upper
 264 100
 260 25.9 20.8 31.2
 265 55.6 46.5 69.7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/19/2023
 Supervised By :Jagrut Upadhyay 04/19/2023

